Distinctive Features

The Gears are cut from solid blanks of high-tensile steel and are enclosed in an oil-tight, dust-proof casing, in which they operate in a bath of oil.

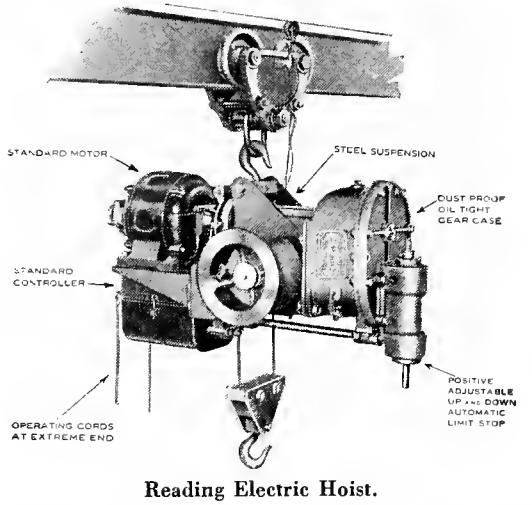
This provides Automatic Lubrication and insures high efficiency and low cost of maintenance.

READING C AND B PRODUCTS

Must Make Good —or We Will

Geared Positive Automatic Limit Stop for lifting and lowering. Adjustable to any height of lift.

Every Reading Hoist is equipped with a double brake—one automatic self-adjusting, the other controlled by operating cords. Either will hold the load independently of the other.



Reading Electric Hoist.

Perfect Balance at all times, with or without load, insured by the use of two drums, the lower hook remaining always central with point of suspension.

Unit Plan of Construction

Each part is an independent unit, readily accessible for inspection, and can be removed without disturbing any of the other units.

The motor and controller are mounted separately on one end of the main frame, gear case and limit stop mounted at the opposite end.

Winding drums are in the center of main frame.

Variety of Types

These hoists are built for 110, 220 or 500 volts, direct current, and alternating current, 220, 440 or 550 volts, 2 or 3 phase, 60 cycles.

For Hook Suspension.
With Plain Trolley.
With Hand Operated Geared Trolley.
With Motor Driven Trolley—floor control.
With Motor Driven Trolley—traveling cage control.

There are 24 types ranging from ½ to 10 tons capacity and suitable for all requirements.

Write for Catalog No. 48 and supplement.

A. C. ELECTRIC HOISTS

Type	Capacity, lbs.	Max. Lift in Feet	Speed in ft. per min.	Net Weights			
				Hook Type	With Plain Trolley Std. Type	With Geared Trolley Std. Type	With Motor Drive Trolley
A	1000	20	17½	400	450	475	700
AA	1500	20	14	400	450	475	700
A	2000	10	8¾	420	500	525	720
B	2000	30	17	685	765	790	985
BV	2000	30	18	735	815	840	1035
AA	3000	10	7	420	515	540	720
BB	3000	30	14	685	780	805	985
BBV	3000	30	15	735	830	855	1035
B	4000	15	8½	715	835	860	1015
C	4000	30	16½	765	885	910	1065
CC	4000	30	24	1130	1250	1275	1430
BV	4000	15	9	1160	1280	1305	1460
CV	4000	30	17	1180	1300	1325	1480
CCV	4000	30	24½	715	860	890	1330
BB	6000	15	7	765	910	940	1380
C	6000	30	10	1165	1310	1340	1780
CC	6000	30	16½	1195	1340	1370	1810
BBV	6000	15	7½	1195	1340	1370	1810
CV	6000	30	10	1170	1395	1430	1785
CCV	6000	30	17	1200	1425	1460	1815
C	8000	15	8¼	1220	1445	1480	1835
CC	8000	15	12	1700	1925	1960	2315
CV	8000	15	8½	1750	1975	2010	2365
CCV	8000	15	12¼	1180	1435	1500	2028
DV	8000	32	16	1210	1465	1530	2058
C	10000	15	6¼	1230	1485	1550	2078
CC	10000	15	9½	1720	1975	2040	2568
CV	10000	15	6½	1760	2015	2080	2608
CCV	10000	15	9¾	1210	1585	1635	2058
DV	10000	32	14½	1240	1625	1675	2090
C	12000	15	5	1250	1625	1675	2100
CC	12000	15	8¼	1740	2115	2165	2590
CV	12000	15	5	1775	2150	2200	2625
CCV	12000	15	8½	1785	2285	2335	3035
DV	12000	30	12½	1795	2295	2345	3045
DV	16000	16	8	1805	2405	2480	3055
DV	20000	16	7¼	1825	2425	2500	3075

D. C. ELECTRIC HOISTS

Type	Capacity, lbs.	Max. Lift in Feet	Speed in ft. per min.	Net Weights			
				Hook Type	With Plain Trolley Std. Type	With Geared Trolley Std. Type	With Motor Drive Trolley
A	1000	20	19½	400	450	475	700
AA	1500	20	15½	400	450	475	700
A	2000	10	9¾	420	500	525	720
B	2000	30	19	685	765	790	985
BV	2000	30	19	735	815	840	1035
AA	3000	10	7¾	420	515	540	720
BB	3000	30	15½	685	780	805	985
BBV	3000	30	15½	735	830	855	1035
B	4000	15	9½	715	835	860	1015
BV	4000	15	9½	765	885	910	1065
CV	4000	30	19	1130	1250	1275	1430
CCV	4000	30	21	1160	1280	1305	1460
CVX	4000	30	26	1180	1300	1325	1480
BB	6000	15	7¾	715	860	890	1330
BBV	6000	15	7¾	765	910	940	1380
CV	6000	30	12	1165	1310	1340	1780
CCV	6000	30	15½	1195	1340	1370	1810
CVX	6000	30	19	1195	1340	1370	1810
CV	8000	15	9½	1170	1395	1430	1785
CCV	8000	15	10½	1200	1425	1460	1815
CVX	8000	15	13	1220	1445	1480	1835
DV	8000	32	16½	1700	1925	1960	2315
DDV	8000	32	21	1750	1975	2010	2365
CV	10000	15	7¾	1180	1435	1500	2028
CCV	10000	15	9½	1210	1465	1530	2058
CVX	10000	15	10½	1230	1485	1550	2078
DV	10000	32	15	1720	1975	2040	2568
DDV	10000	32	16½	1760	2015	2080	2608
CV	12000	15	6	1210	1585	1635	2058
CCV	12000	15	7¾	1240	1625	1675	2090
CVX	12000	15	9½	1250	1625	1675	2100
DV	12000	30	12½	1740	2115	2165	2590
DDV	12000	30	15	1775	2150	2200	2625
DV	16000	16	8¼	1785	2285	2335	3035
DDV	16000	16	10½	1795	2295	2345	3045
DV	20000	16	7½	1805	2405	2480	3055
DDV	20000	16	8¼	1825	2425	2500	3075

Design and Construction

The design of the Reading Traveling Cranes is the result of 20 years practical experience in the manufacture of hoisting machinery.

READING C AND B PRODUCTS

Must Make Good —or We Will

Their cranes are of the most rigid, All Steel Construction, built for severe service.

End trucks so connected to crane beam, that it is impossible for the crane to get out of square.

Truck wheels run on steel roller bearings and have chilled and ground treads.

Reading Single I-Beam Crane.

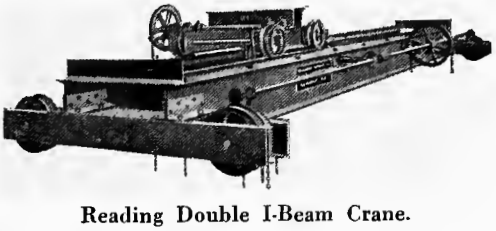
Types and Capacities

Single I-Beam type, standard or suspended, plain or geared, 1 to 10 tons capacity up to 40 feet span.

Double I-beam type, 3 to 30 tons capacity up to 60 feet span.

Double Girder Type—bridge built of riveted steel plate girders; 5 to 30 tons capacity, up to 100 feet span.

Write for catalog No. 49.



Reading Double I-Beam Crane.

Reading Hoists and Cranes

The hoists used in connection with these cranes are the Reading Multiple Gear Type or Reading Electric Hoists.

Double I-Beam Cranes can be equipped with one or two Multiple Gear Hoists, as desired, and also with an auxiliary hoist suspended from a separate trolley, running on the lower flange of one of the crane bridge beams.

The main trolley on Double I-Beam cranes can also be mounted between the crane bridge beams (Submerged Type), when overhead room is limited.

Plain Differential Type

For handling small loads occasionally, the Reading Differential Chain Hoist is a very useful and desirable appliance.

Differential Hoist.

It is light and easy to handle; it has no parts to wear out; it holds the load stationary at any point, unless the hand chain is pulled.

For garage work, or in any place where men are available, and where a Multiple Gear Hoist would be uneconomical, the Reading Differential Chain Hoist will fully meet the requirements.

A complete line ranging from ¼ to 2 tons capacity.

Write for bulletin D-1 for further information.

Multiple Gear High Speed Type

Distinctive Features are:

Gears and pinions are cut from solid steel blanks, and are enclosed in an oil-tight, dust-proof casing, in which they operate in a bath of oil.

This provides Automatic Lubrication of all parts and insures free and easy movement, quickest performance, the least wear and the longest service.

The brake consists of but four parts, is self-adjusting, and takes up its own wear. It holds the load stationary at any point.

The Chains are made in their own chain plant from material of their own special analysis. Each link is carefully blocked to insure correct pitch and accurate fit, and every chain is subjected to a rigid inspection and test before being put on a hoist.

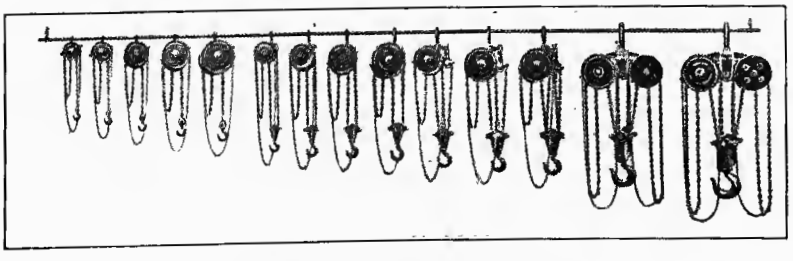
All hooks are drop forged and will hold safely a load of five times the capacity of the hoist.

Each Chain Hoist guaranteed against defective material or workmanship for its life.

A complete line ranging from ¼ to 20 tons capacity.

Write for catalog No. 47 for further information.

Quality, high grade workmanship and efficiency are distinctive features of all Reading products. Protection to life and property is the first consideration in all products of the Reading Chain and Block Corporation.



Reading Multiple Gear Hoists.

READING CHAIN & BLOCK CORPORATION, READING, PA.